

450

NORTHERN REGION - R-1

FOREST = 10 - Flathead *

DISTRICT 01 - Swan Lake *

Expiration Date = April 1, 2014

V13.1

**TIMBER SALE AND
TRANSACTION EVIDENCE
APPRAISAL REPORT**

Select Contract Type

Swan Flat
(SALE NAME)

TIM # 13104

TYPE 13 - Contract Form 2400-13

UOM TON

Prepared by (Signature)

(Date)

Prepared by (Signature)

(Date)

Approved by (Signature)

(Date)

Reviewed by (Signature)

(Date)

All attached documents and specifications for this timber sale have been completed in accordance with regulations at 36 CFR, Part 223, Subpart B, and the applicable Forest Service Manual and Handbook requirements and standards related to timber sales. Furthermore, the environmental documentation and NEPA decision have been reviewed; no significant new information or changed circumstances relating to the environmental impacts of this proposed action exist that require a correction, supplement, or revision to the documentation or decision; and implementation (advertisement) should continue.

Certification Reports for Gates 3 and 4 from TIM are attached to this timber sale report.

Timber Sale Final Package Approved By:

(Date)

TIMBER SALE INFORMATION

TIM, Gate 3, Create Timber Sale (Prep101)

Sale Area Description:

Primary County Name (FIPS Code):

063 - Missoula *

Sale Area Legal Description (short T & R):

T19N, R17W, PMM

Sale Area Legal Description (long):

Portions of Section 32 T20N R16W; Sections 5, 6, 8 T19N R16W; Sections 10, 11, 12, 14, 21, 22, 27, 28 T19N R17W; and Section 4 T18N R17W Missoula County, State of Montana, P.M.M.

The format that the description is entered here and inputted to TIM is exactly the way it will print out in the Contract, Ad and prospectus at Gate 4.

Compartment (s):

22

Environmental Documentation:

Project Association: List NEPA Project(s) that approved the timber sale.

<u>NEPA Document Name</u>	<u>Percentage of Sale Volume (CCF)</u>
Glacier Loon Fuels Reduction and Forest Health Project	100

The above NEPA Document(s) shall be included in the Prospectus, General Narrative, TIM Gate 4 - Prospectus (ADVR115). Include the following statement in the Prospectus: The environmental document(s) that approved this sale: _____

Briefly describe additions or changes made to project design during timber sale preparation.

This stewardship contract is the second of two contracts to be offered from this project.

TSPIRS INFORMATION, SALE OBJECTIVE

TIM, Gate 3, Create Timber Sale (Prep101)

Purpose (TIM -PREP101)

Activity

% of Sale Volume - CCF (TIM - PREP101)

TC - Timber Commodity Purpose	*
FS - Forest Stewardship Purpose	*
	*

01 - Timber Purpose	*
10 - Forest and Health	*
	*

50
50

SALE PURPOSE AND ACTIVITY CODING INSTRUCTIONS

www.fs.fed.us/im/directives/fsh/2409.18/2409.18_20.doc

SALVAGE SALE FUND INFORMATION

TIM, Gate 4, Salvage Sale Fund Plan (ADVR112)

Reference to FSH 2409.19 - 71.12 - for assistance with SSF collections

https://fs.usda.gov/FSI_Directives/wo_2409.19_70.doc

SSF Silviculture Treatment Type (Pick one)

Salvage Component with Sanitation, Stand Improvement, or Regeneration *
(Use for all other sales - stand(s) that include a salvage component)

SSF Volume (CCF): % of total volume

FUNDING SOURCE

Funding Source (button on tool bar) - From STAT102

Sale Preparation Funding Source ---SSSS (Salvage Fund) %

(Contact SO for percentage to enter into Funding Source form. Funding Source percentage must be equal to or less than % of salvage in the SSF Plan.)

CRUISE INFORMATION

CRUISE: #

CHECK CRUISE:

Date of Cruise

Date of Check:

Cruisers:

Chris Roy
Eric Jupin
Andy Reed

Cruisers:

Darin Nichols
Jeff Hansen
Paul Donnellon

Method:

Results:

SE%:

Method of determining ROW volume:

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Basis for Percent Defect:

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TOTAL CF VOLUME BY UNIT --- NCS REPORT

Unit #	Acres	Sawtimber	CCF	Non-Saw	CCF
*LOW units need to be entered last					
32	22.1	7385	74	22491	225
33	21.6	7217	72	21982	220
34	2	1410	14	2023	20
34a	2.6	1833	18	2630	26
34b	2.6	1833	18	2630	26
34c	0.9	635	6	910	9
34d	1.7	1199	12	1720	17
35	26.9	8988	90	27376	274
37	7.3	5148	51	7385	74
37a	3.2	2257	23	3237	32
37b	3.4	2398	24	3440	34
37c	1.4	987	10	1416	14
38	9.9	3308	33	10075	101
43	15.9	11212	112	16085	161
44	4.3	3032	30	4350	44
52	29	39287	393	35625	356
57	9.3	12599	126	11425	114
57a	2.3	3116	31	2825	28
58	2.8	3793	38	3440	34
59	7.5	10160	102	9213	92
61	23.9	32378	324	29360	294
63	7.8	10567	106	9582	96
65	2.8	1974	20	2833	28
66	61	43015	430	61709	617
66a	22	15513	155	22256	223
66b	4.3	3032	30	4350	44
67	16.4	11565	116	16591	166
68	10.8	3609	36	10991	110
68a	2.2	735	7	2239	22
68b	2	668	7	2035	20

NET
MBF/CCF Ratio from
NCS Report CS1

Sawtimber (Product 01)

0.4894

Non-Saw (Product 08)

0.5293

TOTAL SALE UNIT VOLUME (CCF) **550443** **2508** **5502**
(Sheet 1) (Sheet 1&2)

627506 **3521** **6273**
(Sheet 1) (Sheet 1&2)

TOTAL SALE CF VOLUME BY SPECIES --- NCS REPORT (R101)

Species	Saw	Rounded	%Defect	Av. DBH	Logs/Unit
AF	76682	767	8	10	19.6
C		0			
DF	95827	958	9	10.2	20.6
GF		0			
H		0			
L	28686	287	11	9	25.3
LP	343621	3434	7	7.8	27.2
PP	1732	17	7	7.9	41.7
S	3897	39	5	7.7	26
WP		0			

550445

TOTAL VOLUME **5502** CCF

NCS REPORT (UC5)

Non-Saw	Rounded
38568	386
	0
34044	340
	0
	0
48237	482
489240	4890
13066	131
4352	44
	0

627507

6273 CCF

ROUNDED VOLUME IS THE DIFFERENCE BETWEEN UNIT VOLUME AND SPECIES VOLUME (AFTER ROUNDING TO CCF) ADDED TO THE SPECIES WITH THE LARGEST VOLUME

TOTAL CF VOLUME BY UNIT --- UC5 REPORT

Unit #	Acres
--------	-------

OW units need to be entered last

[illegible]

Sawtimber	CCF
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[illegible]

299590

Sawtimber

5502

Non-Saw	CCF
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[illegible]

275282

Non-Saw

6273

TOTAL UNIT VOLUME CCF
SHEETS 1&2

CUTTING UNIT DESCRIPTION
(TIM GATE 3 - PREP 104)

VOLUME - DIRECT ENTRY
(TIM GATE 3 - PREP 103)

Unit #	P.U.#	Cruise Unit Acres	Appraisal Unit Acres	ROW Acres	Logging Method	Harvest Method	Land Suit Class	MA	Unit Volume CCF	Non-Saw	Yield Component	NL
ROW units need to be entered last												
32	32	22.1	22.1	0	420	220	500	5	74	225	299	
33	33	21.6	21.6	0	420	220	500	5	72	220	292	
34	34	2	2	0	492	210	500	5	14	20	34	
34a	34	2.6	2.6	0	492	210	500	5	18	26	44	
34b	34	2.6	2.6	0	492	210	500	5	18	26	44	
34c	34	0.9	0.9	0	492	210	500	5	6	9	15	
34d	34	1.7	1.7	0	492	210	500	5	12	17	29	
35	35	26.9	26.9	0	492	220	500	5	90	274	364	
37	37	7.3	7.3	0	492	210	500	5	51	74	125	
37a	37	3.2	3.2	0	492	210	500	5	23	32	55	
37b	37	3.4	3.4	0	492	210	500	5	24	34	58	
37c	37	1.4	1.4	0	492	210	500	5	10	14	24	
38	38	9.9	9.9	0	420	220	500	5	33	101	134	
43	43	15.9	15.9	0	420	220	500	15C	112	161	273	
44	44	4.3	4.3	0	420	220	500	15C	30	44	74	
52	52	29	29	0	420	146	0	17	393	356		
57	57	9.3	9.3	0	420	146	500	15C	126	114	240	
57a	57	2.3	2.3	0	420	146	500	15C	31	28	59	
58	58	2.8	2.8	0	420	146	0	17	38	34		
59	59	7.5	7.5	0	420	146	500	15C	102	92	194	
61	61	23.9	23.9	0	420	146	500	15C	324	294	618	
63	63	7.8	7.8	0	420	146	500	15C	106	96	202	
65	65	2.8	2.8	0	420	220	0	17	20	28		
66	66	6.1	6.1	0	420	220	500	5	430	617	1047	
66a	66	22	22	0	420	220	500	5	155	223	378	
66b	66	4.3	4.3	0	420	220	500	5	30	44	74	
67	67	16.4	16.4	0	492	220	500	5	116	166	282	
68	68	10.8	10.8	0	420	220	500	5	36	110	146	
68a	68	2.2	2.2	0	420	220	500	5	7	22	29	
68b	68	2	2	0	420	220	500	5	7	20	27	
Totals Sheet 1		329.9	329.9	0					2508	3521	5160	0

Total Sale Area: **6020** Sale Area Acres
 Total Cutting Area: **329.9** Acres
 (Sheet 1)

Total Sawtimber
 Total Saw + Non-Saw

(Sheet 1) **2508** CCF
 (Sheet 1) **6029** CCF

**VOLUME - DIRECT ENTRY
(TIM GATE 3 - PREP 103)**

5502	CCF
11775	CCF

Total Sale Area: **6020** Sale Area Acres

Total Cutting Area: **555.7** Acres
(Sheets 1&2)

APPRAISAL CCF TO TON WORKSHEET

SAWTIMBER - CCF

Species	Defect %	Net Volume	Total Additional	Total Net	Tons Per CCF	Total Tons
AF	8	767	0	767	2.4735	1897
C	0	0	0	0	2.3540	0
DF	9	958	0	958	3.0160	2889
GF	0	0	0	0	3.1275	0
H	0	0	0	0	3.2425	0
L	11	287	0	287	3.1935	917
LP	7	3434	0	3434	3.0210	10374
PP	7	17	0	17	3.2230	55
S	5	39	0	39	2.7040	105
WP	0	0	0	0	3.2230	0
TOTAL =		8	5502	0	5502	16237

Net MBF/CCF Ratio For
Sawtimber From NCS
Report CS1 **0.4894**

TIM	Prep 105
Conversion	Factors
MBF	CCF
0.1658	0.3389

NON-SAWTIMBER - CCF

Species	Net Volume	Additional Non-Saw	Total Net	Tons Per CCF	Total Tons
AF	386		386	2.3340	901
C	0		0	2.1400	0
DF	340		340	2.7885	948
GF	0		0	2.9470	0
H	0		0	3.0590	0
L	482		482	3.0785	1484
LP	4890		4890	2.5982	12705
PP	131		131	3.1510	413
S	44		44	2.6330	116
WP	0		0	3.1500	0
TOTAL =		6273	0	6273	16567

Net MBF/CCF Ratio For
Non-Sawtimber From NCS
Report CS1 **0.5293**

TIM	Prep 105
Conversion	Factors
MBF	CCF
0.2004	0.3786

TOTALS =	<u>Gross</u> 0	<u>Net</u> 11775	<u>Tons</u> 32804
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APPRAISAL SUMMARY

CONTRACT VOLUME (CCF)	<u>11775</u>
APPRAISAL VOLUME (CCF)	<u>5502</u>
CONTRACT VOLUME (TONS)	<u>32804</u> (Note: Total Tons to be used for Rd. Maintenance Appr.)
WTD TONS/CCF	<u>2.79</u>

ASSIGN CONTRACT SPECIES

TIM Gate 3 - Prep 105

Contract Species Association

Contract species shall be grouped to reflect differences in utilization and/or how species shall be grouped in A(T) 2 of the Timber Sale Contract.

All Non-sawtimber shall be grouped as Combined Softwood (CS) under Contract Species

UTILIZATION STANDARDS

TIM Gate 4 - Contract Prep Information ADVR114

Fill out Minimum Specifications below to reflect how sawtimber & non-sawtimber were cruised.

Contract Species	Full Name for Contract	Conversion Factors (only applicable to weight scale sales)		Minimum Specifications					
		(Enter from Species Volume Summary)		DBH	Number of Pieces	Length	DIB	Merch. Factor	
		MBF	CCF						
	LP	Live and Dead	0.1658	0.3389	6	1	8.0	5.6	10.67
	AF&O	Live and Dead			7	1	8.0	5.6	10.67
<input checked="" type="checkbox"/>	CS	Live and Dead	0.2004	0.3786	4	1	16.0	2.5	N/A
<input type="checkbox"/>	C14	Cedar Products - Net Merch. Factor - Refer to C(T)6.804#							

AVERAGE EXTERNAL YARDING DISTANCE

Page 10

Appraisal Point:
Total Sawtimber Tributary Volume:

Pyramid, Seeley Lake

State Montana

(The appraisal point is most advantageous when total transportation cost, including road work, are less than other appraisal points. Appraise to a mill where timber product can be processed. SBA Set Aside Sales are appraised the same way; not to the nearest SBA mill)

WTD HAUL MILES

WTD Haul Note[illegible]

WDT Total Miles (Sheet 1) 27.0

WTD Total Unpaved Miles
(Sheet 1) 6.0

WTD Total Paved Miles **21.0**
(Sheet 1)

NON-SAWTIMBER ADJUSTMENTS

DATA INPUT

Delivered Log Price (\$/Ton, Nonsawtimber material)	\$28.00		
Total Nonsawtimber Volume (CCF) (Primary + Secondary)	6,273		
Total Nonsawtimber Volume (Tons) (Primary + Secondary)	16,567		
Tons / CCF for nonsawtimber material	2.64	0.00	Adjustment
Total Appraised Sawlog Volume (CCF)	5,502		
Total One Way Weighted Haul Miles	73	46	Adjustment

Logging System	All Ground Based	All Cable	Forwarder
Nonsawtimber Primary Product (CCF)	4,197		
Net MBF / Acre Harvested for nonsawtimber primary product	4.6	0.0	0
Average DBH Harvested for nonsawtimber primary product	5.9		
Average Yarding Distance (Feet)	479	824	824
Nonsawtimber Primary Product (Tons)	11,084	0	0

Nonsawtimber Adjustment	
Final Nonsawtimber Value (\$/CCF) A positive number is a negative value.	\$-12.78
Final Nonsawtimber Adjustment to enter into TE appraisal program (\$/CCF)	\$12.78

RIGHTS - OF - WAY

(Include Cost share Agreements)

Road Name	Road #	Length	Type of Agreement	Agreement with (Names)

ROAD MAINTENANCE

(From Road Maintenance Appraisal Summary, sheets are attached)

Contract Rates

Total Performance Recurrent Maintenance (Part A)	\$/CCF	\$/TON
C(T)5.31 - Recurrent Maintenance	\$1.61	\$0.55
C(T)5.312 - Reconditioning		
Total Performance (Part A)	\$1.61	\$0.55 (A)
Total Required Deposits (Recurrent and Deferred) (Part B) (Enter appropriate rate in TIM - Gate 4 - Road Maint. Plan - ADV105)		
C(T)5.32# - Total Required Deposits (Part B)	\$2.65	\$0.90 (B)
C(T)5.314 - Total Dust Abatement (Part C)		(C)
TOTAL MAINTENANCE COST (Parts A-B-C)	\$4.26	\$1.45

Appraisal Rates

(Entries for 2400 - 17)

Total Required Deposits	\$ 2.65 CCF
Total Road Maintenance Costs (Performance + Deposits)	\$ 4.26 CCF

Refer to Road Maintenance Appraisal for Road Reconditioning cost per road segment.
(Attach worksheets with road costs)

LOGGING METHOD SUMMARY

	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarder	TOTAL
Acres	487	0	0	0	68	556
Volume	5120	0	0	0	382	5502
EYD	479	0	0	0	824	

ROAD CONSTRUCTION / RECONSTRUCTION

Construction or Reconstruction of roads not included on haul route are to be included as Stewardship Projects (K-G9#) and Appraised using Davis Beacon Wages.

☐ Check Box if road(s) being Constructed or Reconstructed are Specified Roads needed for harvesting Included Timber.

BASE RATE COLLECTION FOR STEWARDSHIP SALES
(Applied to Sawtimber Only)

Normally Stewardship Sales do not have a base rate nor KV collections. But there may be instances where it would be appropriate to collect KV funds. (IE. Treatment needs that extend beyond the contract termination date(noxious weeds), that require complex oversight (prescribed fire) or for small amounts of planting.

When KV is needed on a project it is collected as a base rate, the rate is applied ONLY to the Sawtimber component.

Costs From FACTS - Sale Area Improvement and K-V Collection Plan.

Total Required Regen Costs - FACTS Line 21 Remark = **\$46,322.00**
(Subtotal for Required Reforestation with National Program Support Cost Included)

Select Either (a) or (b)

- (A) Green Sale - Required Regeneration Cost \$ 100% Sawtimber
- (B) Salvage Sales enter % Live Sawtimber Volume; Partial Cut

Stands enter % Volume remaining.

\$46,322.00	100%	=	\$46,322.00 Total
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Other K-V: From FACTS

K-V Funded Projects Costs

\$0.00
\$0.00
\$0.00
\$0.00
\$0.00
\$0.00

Total	\$0.00	=	\$0.00 Total
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Total amount of K-V to be Collected = **\$46,322.00** Total

Sawtimber Base Rate = **\$8.42** CCF

This allowance is subtracted from the stumpage under Miscellaneous (Page 21).

From FACTS - Detailed Listing of BD and Purchaser Slash Treatment Activities

☐ Check Box to use.

Forest Service Rate (Fund Code BDBD)	\$43,715.00	Total \$	(a)	\$7.95	CCF
Purchaser Rate (Fund Code PPPP)	\$54,614.76	Total\$	(b)	\$9.93	CCF
TOTAL: (a) + (b) =				\$17.88	CCF

Forest Service Rate Per CCF (Fund Code BDBD) \$3.71 CCF

\$1.33 TON

[illegible]

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EROSION CONTROL

seed mix is to be included in K-G.6.0.1# - Erosion Control Seeding and Special Project Specifications (SPS) 625.05 in Road Package.

Make sure that the seed mix and fertilizer are the same in both Contract and Road Package.

Site specific areas, such as gravel pits and very dry sites may call for more and/or different species in the mix. Document below the rationale for deviation from the standard seed mix.

Species of Seed	Pounds per Acre
Blue Wildrye	5
Mountain Brome	9
Bluebunch Wheatgrass	4
Slender Wheatgrass	6

TOTAL 24

Type of Fertilizer	Pounds per Acre
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none	0
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TOTAL 0

Crossdrains

Installation of crossdrains on temporary roads, skid trails and firelines are included in their respective cost allowance.

Scarification

49 acres @ \$150.00 per acre = \$7,350.00

Seed and Fertilizer

If Temp Road seeding is not included in Temp Road worksheet then enter here

Temporary Roads feet = 0.0 acres

Firelines feet = 0.0 acres

Skid Trails

Number of acres to be skidded using ground based systems times the percentage of area requiring seed and fertilizer. 556 acres X 2 % = 11.1 acres

Number of acres to be yarded using cable systems times the percentage of area requiring seed and fertilizer. acres X % = 0.0 acres

Landings

Number of landings 76 X 0.5 acres per landing = 38.0 acres

TOTAL 49.1 acres

	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarder
Acres	487	0	0	0	68

Seed mix, fert., labor costs:

	<u>Lbs / Acre</u>		<u>\$ / Lb</u>		<u>\$ per Acre</u>
Blue Wildrye	5	X	\$13.10	=	\$65.50
Mountain Brome	9	X	\$6.10	=	\$54.90
Bluebunch Wheatgrass	4	X	\$23.65	=	\$94.60
Slender Wheatgrass	6	X	\$7.60	=	\$45.60
0	0	X		=	\$0.00
Fertilizer	0	X		=	\$0.00
*Labor per Acre				=	\$19.46

\$ per acre **\$280.06****Total cost for**

SEEDING	49.1	acres	X	\$260.60	\$/acre =	\$12,795.46
FERTILIZER	49.1	acres	X	\$0.00	\$/acre =	\$0.00
LABOR	49.1	acres	X	\$19.46	\$/acre =	\$955.49
SCARIFICATION						\$7,350.00
TOTAL						\$21,100.95

\$21,100.95 COST / **5502** CCF = **\$3.84** PER CCF

* Engineers estimate Page 114 of the Cost Guide Item Labor Rates.

Document Rational for Changes to Standard Seed Mix.

OTHER CONTRACTUAL REQUIREMENTS

(A)

***ther - Include Contractual Obligations Requiring Performance Bond Coverage
(Road closure, Barriers, Trail Restoration, etc.)***

ITEM	#	X	COST	=	TOT COST
Temporary Gates	5	X	\$600.00 per XXX	=	\$3,000.00
Fence Laydowns/Putbacks Highway U	7	X	\$200.00 per XXX	=	\$1,400.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00

\$4,400.00 Cost / **5502** CCF = **\$0.80** CCF

Subtotal Other Contractual Requirements (A) = **\$0.80** CCF

OTHER CONTRACTUAL REQUIREMENTS (B)

The cost allowance for herbicide application has been based on the following assumptions; 300 gallon sprayer with herbicide injectors (not tank mixed); 20 gallon of carrier/ac; one trip will be required for each herbicide per road; labor rate and production includes mix, loading, cleanup and daily documentation; misc. expenses include equipment maintenance and depreciation, herbicide storage and handling and licensing fees. One mile of road with an average ROW of 30 feet is equal to 3.6 acres. Herbicides approved for use are listed in C(T)6.27# under Technical Spraying Specifications.

<u>Herbicide</u> (Common name)	<u>Application Rate oz</u> per acre	<u>Cost</u> Per oz	<u>Cost per</u> <u>UOM</u>
2,4-D amine	32	\$0.15	\$17.28 mile
Clpyralid	11	\$2.50	\$99.00 mile
Picloram	32	\$0.73	\$84.10 mile
Aminopyralid	6	\$2.90	\$62.64 mile

Price quote for herbicide obtained from: Cenex Harvest States

<u>Sufactant & Dye</u>	
.32 oz/gal H ₂ O	\$0.68/acre = \$2.45/ mile
<u>Labor Rate</u>	\$40/ hour (2 Miles per hour)

Miles of road to be sprayed: 27.14 miles

<u>Herbicide to be applied:</u>	<u>Miles</u>	<u>\$ UOM</u>	<u>Tot Cost</u>
2,4-D amine	27.14	\$17.28	\$468.98
Clpyralid		\$99.00	\$0.00
Picloram		\$84.10	\$0.00
Aminopyralid		\$62.64	\$0.00

Sufactant & dye:	27.14		\$0.00
Application Cost (Labor):	27.14	\$20.00	\$542.80
Misc. Expenses:	27.14	\$5.00	\$135.70

TOTAL WEED TREATMENT: \$1,147.48 cost / 5502 CCF = \$0.21 CCF

ON-SITE EQUIPMENT WASHING C(T)6.351#

Cost allowance for washing off-road equipment Prior To Leaving locations identified in EIS/EA

Number (pieces of equipment)		Number of seasons	
Cleaning costs per piece	\$0.00	CCF	5502

Total cost for washing equipment per CCF \$0.00 CCF

Subtotal Other Contractual Requirements (B) \$0.21 CCF

MISCELLANEOUS CONTRACTUAL REQUIREMENTS (C)

(Contractual Obligations That Would Not Require Coverage Under The Performance Bond)

Stump Shoveling (Not required under normal operating/winter conditions. Include if clippers not allowed)

stumps X per stump =

Cost / CCF = CCF

Snow Plowing

miles X per mile X # plowings =

Cost / CCF = CCF

Miscellaneous: (Helicopter Landing Construction, Traffic Control etc...)

ITEM	#	X	COST	=	TOT COST
Traffic Control	11	X	\$600.00 day	=	\$6,600.00
2 Safety Flaggers for felling ops along HWY 83, 11 8hr days estimated					
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00

Subtotal Miscellaneous Contractual Requirements (C) CCF

Total Other Contractual Requirements (A+B+C)	<input type="text" value="\$2.80"/> CCF
Brush Disposal (Purchaser and FS)	<input type="text" value="\$17.88"/> CCF
Total Environmental Protection Cost	<input type="text" value="\$20.68"/> CCF

TEMPORARY ROADS

1.83 Miles

Temporary Road #1

Cost \$

New construction accessing units 52, 63, 66, 70, 80, 89, 90

\$15,153.00

Temporary Road #2

Cost \$

Existing temp road template for units 52/59, 63

\$3,587.00

Temporary Road #3

Cost \$

Highway Approaches for units 34-37

\$17,931.00

Temporary Road #4

Cost \$

0

\$0.00

Temporary Road #5

Cost \$

0

\$0.00

TOTAL TEMPORARY ROAD COST =

\$36,671.00

(Temporary Development Costs)

\$36,671.00

COST /

5502

CCF =

\$6.67

CCF

Cost Guide for Temporary Roads

http://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5279261.pdf

Temporary Road Seeding, Fertilizing and Obliteration Costs per CCF

\$0.80

UNUSUAL CONDITION ADJUSTMENTS

\$0.00

Cost \$ /

5502

CCF =

\$0.00

CCF

TIMBER SALE CONTRACT INFORMATION

Tim Gate 4 - Contract Preparation information (ADVR114)

Normal Operating Season (ADVR114, Page 1)

Units

First Period : to

Second Period: to

(Note: If sale has more than one NOS - List dates and units for each NOS in A16 or AT13 of Timber Sale Contract)

Periodic Payment Schedule

Approximate Award Date: mm/dd/yy

(And Road Completion Date if roads are included.)

Road Completion Date: mm/dd/yy
(ENTER N/A if no roads)

Contract Termination Date: mm/dd/yy

M - Input at Gate 4 - Prospectus, Bid and Misc. Information - Page 1 (ADVR115)

Approximate Payment Date:

Include the following statement in the Prospectus for sales without a road completion date.

As per B(T) 4.213, Periodic Payment Schedule, a periodic payment will be required. The approximate periodic payment date is XXXX. The final date will be based on the award date of this timber sale contract.

FIRE LIABILITY CALCULATION (ADVR114, Page 4)

5 CCF / man day --- 120 operating days / year --- 600 CCF / man year --- 12 hrs / shift --- 5 shifts / week.

AD-C Firefighter wage is updated yearly, ~March (FSH 5109.34 Chp 10). Link below to directive.

(A) Total Volume = CCF
(B) Sale Duration = YEARS (Calculated from Award Date to Termination Date)
(C) Operating Days in Sale = (Sale Duration X 120 days.)
(D) CCF Per Day = (Total Volume / Operating Days in Sale)
(E) Men Needed to Log Sale = (CCF Per Day / 5 CCF)
(F) Liability = (Wage Rate AD-C) X (hrs/shift) X (# shifts) X
http://www.fs.fed.us/r1/fire/nrcg/Committees/business_committee.htm
 (# men) = TOTAL LIABILITY =

Round up to nearest \$50.00 up to \$200.00, then round up to nearest \$100.00

ROUNDED TOTAL =

STEWARDSHIP PERFORMANCE BOND:

TIM Gate 4 - Prospectus, Bid and Misc. Information - Page 3 - (ADVR115)

Generally, a performance bond will not be required. If a bond is required, the amount of the bond should cover those performance items not include as mandatory or optional services.

(B) Purchaser requirements (Performance) - Based on number of seasons.

Road Maintenance =	\$1.61	CCF
Erosion =	\$3.84	CCF
Brush Disposal =	\$9.93	CCF
Other =	\$1.81	CCF
Total =	\$17.19	CCF

Total Purchaser Requirements = \$17.19 X Tot Vol 5502 CCF = \$94,568 Tot Value

divided by 2 # Seasons = \$47,284 Performance Bond Value

Rounded Performance Bond Value = \$47,300 (B)